



**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

Applicant: Shuo-Yen Robert Li

Case: 17

Serial No. 09/882,005

Filed: June 15, 2001

Group Art Unit:

Examiner:

Title of Invention: GENERAL SELF-ROUTING CONTROL MECHANISM
OVER BIT-PERMUTING SWITCHING NETWORKS

**THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231**

SIR:

Enclosed is a Preliminary Amendment in the above-identified application.

An additional fee is required based on the calculation below for a **small entity**:

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	CLAIMS PREVIOUSLY PAID FOR	EXTRA	RATE	ADDITIONAL FEE
Total Claims	26	20	6	\$9.00	\$ 54.00
Indep. Claims	4	3	1	\$40.00	\$ 40.00

Multiple Claims First Presented with this Amendment = 0 \$ 0.00

Total: \$94.00

Also enclosed herewith for filing in connection with the enclosed application are:

XX Return Postcard
XX Credit Card Authorization in the Amount of \$94.00

Respectfully submitted,

John T. Peoples

Date: 9-8-01

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-2-

Certificate of Mailing Under 37 CFR 1.8(a)

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John T. Peoples
John T. Peoples



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**THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231**

SIR:

PRELIMINARY AMENDMENT

Enclosed is a Preliminary Amendment in the above-identified application.

Please amend the application as follows.

In the Specification:

Please replace all of pages 8 and 9, namely, the "Summary of the Invention", with the following:

--SUMMARY OF THE INVENTION

The shortcomings of the prior art, as well as other limitations and deficiencies, are obviated in accordance with the present invention by applying algebraic principles to the physical realization of a large switching fabric based upon contemporary technologies.

In accordance with a broad method aspect of the present invention, a method for self-routing a packet to a given destination address through a bit-permuting network, the network being characterized by a guide, includes: (a) generating a routing

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01 FC:203
02 FC:202

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